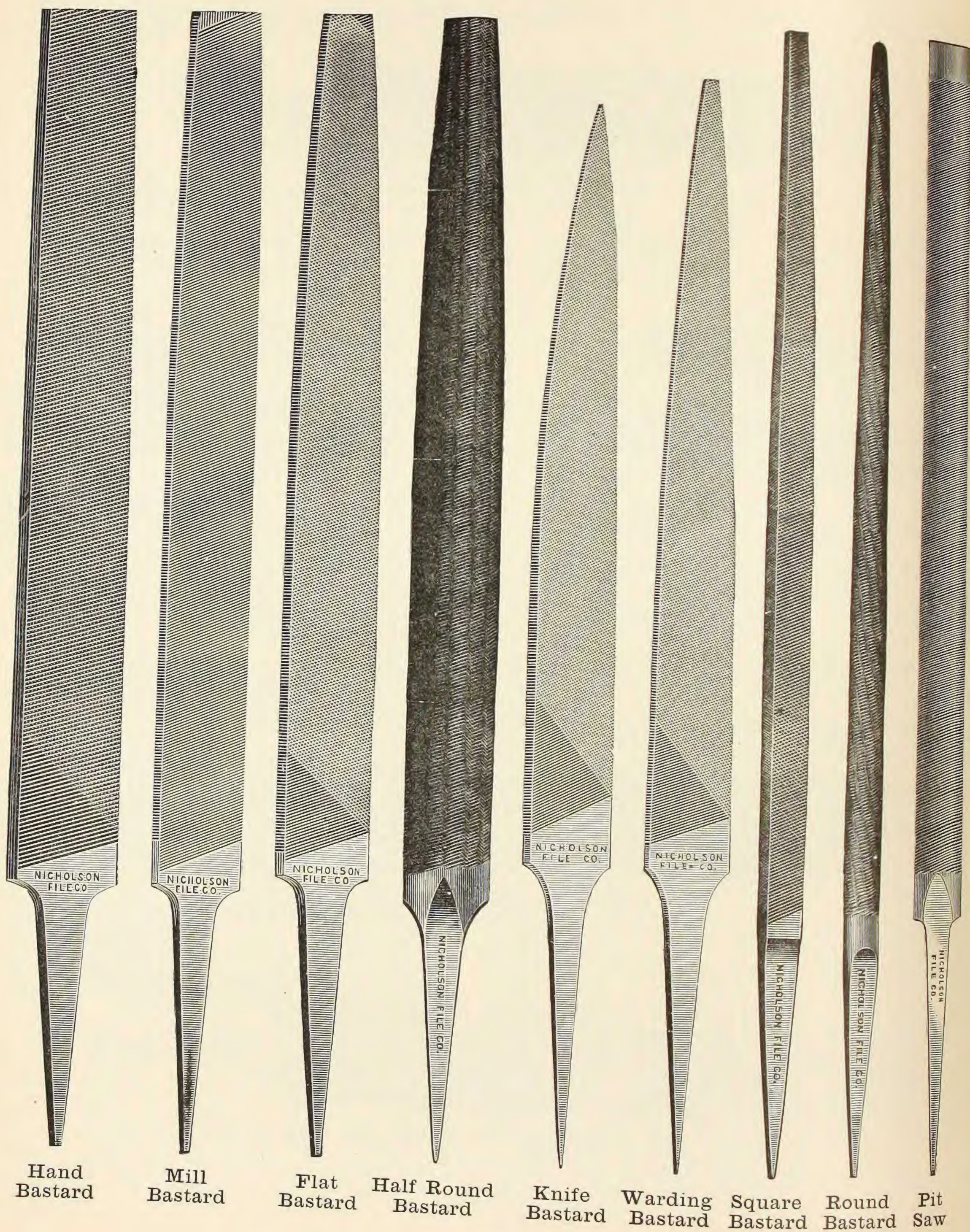


These pages are excerpts from a larger catalog with many manufacturers.

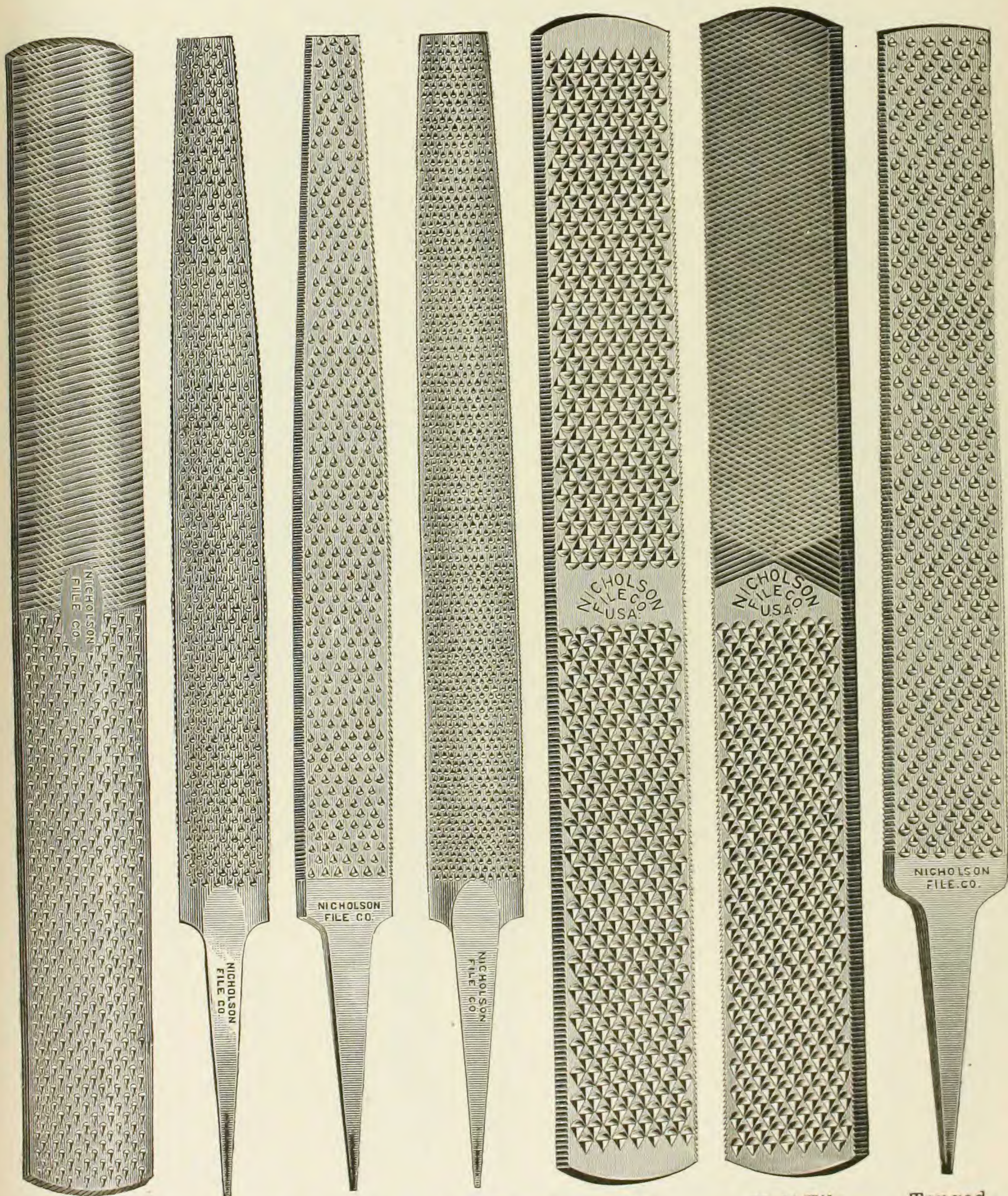
NICHOLSON FILE COMPANY'S FILES

ILLUSTRATIONS OF PATENT INCREMENT CUT FILES



NICHOLSON FILE COMPANY'S RASPS

ILLUSTRATIONS OF PATENT INCREMENT CUT RASPS



Half Round
Shoe Rasp

Half Round
Wood Rasp

Flat
Wood Rasp

Half Round
Cabinet Rasp

Plain
Horse Rasp

Half File
Horse Rasp

Tanged
Horse Rasp



NICHOLSON FILE COMPANY'S FILES AND TOOLS

ILLUSTRATIONS OF FILES, TOOLS, AND SPECIALTIES



PRICE LIST

OF

PATENT INCREMENT CUT FILES AND RASPS

MANUFACTURED EXCLUSIVELY BY THE

NICHOLSON FILE COMPANY

LIST OF JULY 1, 1897

PER DOZEN

Size, inches.	Mill and Round.			Flat.			Square.			Hlf. Rd. and Three Sq.		
	Bastard.	2d Cut.	Smooth.	Bastard.	2d Cut.	Smooth.	Bastard.	2d Cut.	Smooth.	Bastard.	2d Cut.	Smooth.
4	\$2.20	\$2.60	\$2.90	\$2.70	\$3.20	\$3.50	\$2.80	\$3.40	\$3.70	\$3.60	\$4.20	\$4.50
5	2.40	2.80	3.10	2.90	3.40	3.70	3.10	3.60	3.90	4.00	4.50	4.80
6	2.60	3.00	3.30	3.20	3.60	3.90	3.40	3.80	4.10	4.50	5.00	5.30
7	2.90	3.40	3.70	3.60	4.10	4.50	3.80	4.30	4.70	5.20	5.70	6.10
8	3.20	3.70	4.00	3.90	4.50	4.90	4.10	4.70	5.20	5.60	6.20	6.60
9	3.70	4.30	4.70	4.70	5.40	5.90	4.90	5.70	6.20	6.30	7.00	7.40
10	4.20	4.80	5.20	5.20	6.00	6.50	5.50	6.30	6.80	6.80	7.50	8.00
11	5.00	5.80	6.30	6.40	7.30	8.00	6.80	7.70	8.40	8.00	8.80	9.40
12	5.60	6.40	7.00	7.20	8.20	9.00	7.60	8.60	9.50	8.80	9.70	10.40
13	7.00	8.00	8.70	8.80	10.10	11.00	9.30	10.60	11.50	10.50	11.50	12.30
14	8.00	9.10	9.80	9.90	11.40	12.40	10.40	12.00	13.00	11.60	12.70	13.60
15	9.80	11.10	12.00	11.90	13.60	14.90	12.60	14.30	15.60	13.80	15.20	16.20
16	11.00	12.50	13.40	13.30	15.00	16.60	14.00	15.80	17.40	15.30	16.80	18.00
17	13.50	15.10	16.20	16.00	18.00	19.70	16.80	18.90	20.50	18.40	20.10	21.50
18	15.10	16.90	18.10	17.80	20.00	21.80	18.70	21.00	22.60	20.50	22.30	23.80
19	18.30	20.50	21.90	21.20	23.60	25.80	22.10	24.80	26.60	24.40	26.60	28.40
20	20.40	22.90	24.50	23.50	26.30	28.50	24.40	27.30	29.30	27.00	29.40	31.50
Mill Blunt, Dbl. Cut, advance 2 in.				Cant (Blunt) Double Cut, advance 2 in.			Square Blunt, advance 1 in.			Ginsaw, take Bastard price.		
" Double " " 1 "										Crossing, advance 2 in.		
" Narrow Point, " 1 "										Tumbler, " 2 "		
" Machine, " 1 "				Stavesaw.			Stavesaw, Improved.			Feather Edge		
" Triangular and Sq., " 1 "										(Blunt), " 2 "		
" Farmers' Own, " 1 "				8 inches, \$7.00			6 inches, \$4.80			High Back, " 2 "		
advance on Bastard, 1 "							7 " 5.50			Half Round, " 2 "		
							8 " 6.00					
							9 " 7.20					
							10 " 8.00					
							12 " 11.50					
Patent Double Ender, with Handle.												
THE NAME	7	8	9	10	IS A							
DOUBLE					TRADE							
ENDER	\$2.60	\$2.90	\$3.20	\$3.70	MARK.							
Hand and Pillar.				Mill.			Mill.			Knife.		
				One Round Edge.			Two Round Edges.					
Size, inches.	Bastard.	2d Cut.	Smooth.	Bastard.	2d Cut.	Smooth.	Bastard.	2d Cut.	Smooth.	Bastard.	2d Cut.	Smooth.
4	\$2.70	\$3.20	\$3.60	\$2.50	\$2.90	\$3.30	\$2.80	\$3.30	\$3.60	\$4.00	\$4.50	\$4.80
5	2.90	3.50	3.90	2.70	3.20	3.50	3.00	3.50	3.90	4.50	5.00	5.30
6	3.20	3.80	4.20	2.90	3.40	3.70	3.30	3.80	4.10	5.10	5.60	5.90
7	3.70	4.30	4.70	3.30	3.90	4.20	3.70	4.30	4.60	5.80	6.30	6.60
8	4.00	4.70	5.00	3.60	4.20	4.50	4.00	4.60	5.00	6.30	6.80	7.10
9	5.00	5.80	6.20	4.30	4.90	5.30	4.80	5.40	5.90	7.00	7.90	8.40
10	5.60	6.50	7.00	4.70	5.40	5.90	5.30	6.00	6.50	7.50	8.60	9.20
11	7.00	8.10	8.80	5.70	6.50	7.10	6.30	7.30	7.90	9.10	10.20	10.90
12	8.00	9.20	10.00	6.30	7.20	7.90	7.00	8.00	8.80	10.20	11.30	12.00
13	9.90	11.30	12.10	7.90	9.00	9.80	8.80	10.00	10.90	12.20	13.40	14.30
14	11.10	12.70	13.50	9.00	10.20	11.00	10.00	11.40	12.30	13.50	14.80	15.80
15	13.40	15.30	16.20	11.00	12.50	13.50	12.30	13.90	15.00			
16	15.00	17.00	18.00	12.40	14.10	15.10	13.80	15.60	16.80			
17	18.00	20.20	21.30	15.20	17.00	18.20	16.90	18.90	20.30			
18	20.00	22.30	23.50	17.00	19.00	20.40	18.90	21.10	22.60			
Slotting (Blunt), advance 2 in.												
Cotter Blunt or Taper, " 2 "												
Reaper, on 2d Cut, " 1 "												

PRICE LIST

OF

PATENT INCREMENT CUT FILES AND RASPS

MANUFACTURED EXCLUSIVELY BY THE

LIST OF JULY 1, 1897

NICHOLSON FILE COMPANY

PER DOZEN

Size, inches.	Tapers.		Slim Tapers.		Bandsaw. Blunt and Taper.		Pit Saw.	Cant Saw.	Cross Cut.	Hook Tooth.	Planer Knife.	Inserted Tooth, or Chisel Tooth.
	Single Cut.	Double Cut.	Single Cut.	Double Cut.	Regular.	Slim.	Single Cut.	Single Cut.	Single Cut.	Single Cut.	Single Cut.	
3	\$1.50	\$1.90	\$1.50	\$1.90	\$1.90	\$1.90	....	....	....	....	....	....
3½	1.50	1.90	1.50	1.90	1.90	1.90	....	....	....	....	....	....
4	1.60	2.10	1.60	2.00	2.10	2.00	\$3.60	\$3.20	\$3.60	....	....	....
4½	1.80	2.30	1.70	2.20	2.30	2.20	....	....	....	....	....	....
5	2.00	2.60	1.90	2.40	2.60	2.40	4.00	3.50	4.00	....	....	....
5½	2.20	3.00	2.10	2.60	3.00	2.60	....	....	....	....	....	....
6	2.50	3.50	2.30	2.90	3.50	2.90	4.50	4.00	4.50	\$5.00	....	....
7	3.20	4.20	2.80	3.30	4.20	3.30	5.20	4.50	5.20	5.70	....	....
8	4.00	5.00	3.30	3.90	5.00	3.90	5.60	4.80	5.60	6.20	\$4.80	\$6.20
9	4.90	6.00	4.00	4.70	6.00	4.70	6.30	5.80	6.30	7.00	....	7.00
10	6.00	7.20	4.80	5.60	7.20	5.60	6.80	6.50	6.80	7.50	6.40	7.50
11	8.00	9.00	6.20	6.80	9.00	6.80	8.00	7.70	8.00	8.80	....	....
12	9.30	11.00	7.10	8.20	11.00	8.20	8.80	8.50	8.80	9.70	9.00	....
13	11.80	13.00	9.00	9.80	13.00	9.80	....	....	....	....	....	....
14	13.50	15.30	10.30	11.50	15.30	11.50	....	....	....	....	....	....
Round Gulleting take Pitsaw Price.												
Size, inches.	Horse Rasps.			File Rasps.		Wood Files.						
	Plain.	Bev. & ¼ Rasp.	Tanged.	Flat.	Half Round.	Flat.	Half Round.	Cabinet.				
6	Patent "RACER" Brand Horse Rasps take these Prices.			\$5.50	\$6.00	\$3.20	\$4.50	\$6.00				
7				6.40	6.90	3.60	5.20	6.90				
8				7.00	7.50	3.90	5.60	7.50				
9				8.50	9.10	4.70	6.30	9.10				
10	\$7.00	\$8.00	\$9.50	9.50	10.20	5.20	6.80	10.20				
11	8.50	9.60	11.30	11.60	12.50	6.40	8.00	12.50				
12	9.50	10.70	12.50	13.00	14.00	7.20	8.80	14.00				
13	11.30	12.70	14.60	15.60	16.70	8.80	10.50	16.70				
14	13.30	15.00	17.20	17.30	18.50	9.90	11.60	18.50				
15	15.60	17.60	20.30	20.70	22.10	11.90	13.80	22.10				
16	18.20	20.50	24.00	23.00	24.50	13.30	15.30	24.50				
Size, inches.	Wood Rasps.			Shoe Rasps.			Warding.					
	Flat.	Hf. Round.	Cabinet.	Flat.	Hf. Round.	Oval.	Bastard.	2d Cut.	Smooth.			
4	....	....	....	....	....	....	\$3.00	\$3.60	\$4.00			
5	....	....	....	....	....	....	3.30	3.90	4.30			
6	\$5.50	\$6.00	\$7.50	\$6.00	\$6.00	\$6.90	3.70	4.40	4.80			
7	6.40	6.90	8.70	6.90	6.90	7.50	4.40	5.10	5.60			
8	7.00	7.50	9.50	7.50	7.50	9.10	4.80	5.60	6.10			
9	8.50	9.10	11.60	9.10	9.10	10.20	5.80	6.70	7.40			
10	9.50	10.20	13.00	10.20	10.20	12.50	6.50	7.50	8.20			
11	11.60	12.50	15.40	12.50	12.50	14.00	8.10	9.40	10.20			
12	13.00	14.00	17.00	14.00	14.00	16.70	9.20	10.60	11.50			
13	15.60	16.70	20.00	16.70	16.70	....	11.30	12.90	14.00			
14	17.30	18.50	22.00	18.50	18.50	....	12.70	14.50	15.70			
15	20.70	22.10	25.30	....	....	....	....	....	....
16	23.00	24.50	27.50	....	....	....	....	....	....
Last Makers' Rasps. One inch advance on Cabinet Rasp.												

Sizes below 4 inches, not extended, take 4 inch price.
Half inches not specified, take next higher full inch price.
Dead Smooth, double the price of Bastard Cut.
One Round Edge, advance 12½ per cent.
Cuts not specified, made upon regular blanks, advance one inch on respective kinds and nearest cut.
above those listed, and files varying from standard sizes, to be classed as irregular and subject to special prices.

Blunt Files not specified, advance one inch on respective kinds and cuts.
Single or Float Cut not specified, on regular shapes take Double Cut price.
Equalings (Bellied), advance two inches on respective kinds and cuts.
Two Round Edges, advance 25 per cent.

Irregular Goods: all lengths

RUSSELL & ERWIN MANUFACTURING CO.'S SPECIAL BRAND

"RUSSWIN"

A Thoroughly Reliable and Warranted File.

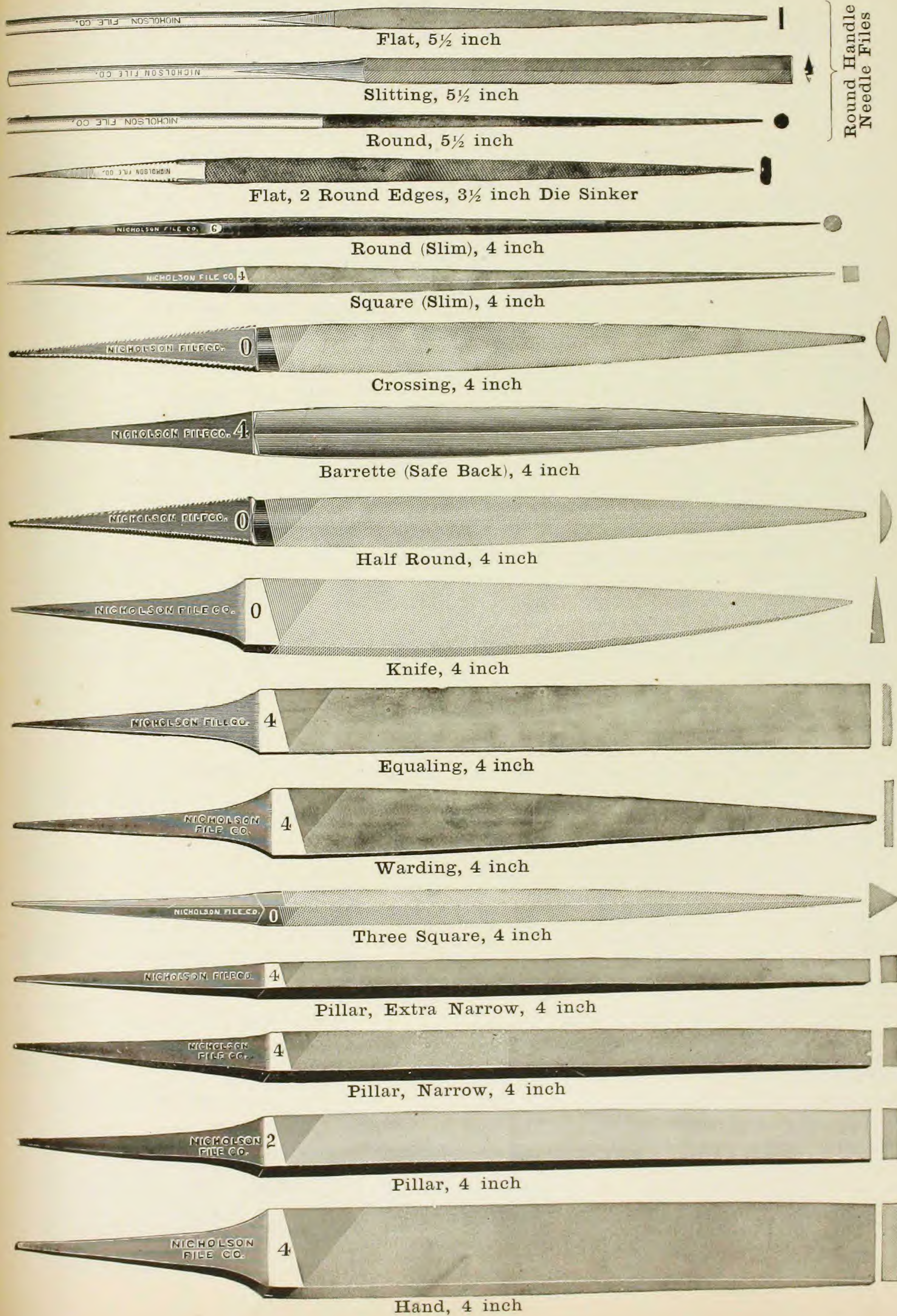
Complete assortment of the regular sizes.

LIST PRICES SAME AS NICHOLSON'S FILES.



NICHOLSON FILE CO.'S SWISS PATTERN FILES

759



PRICE LIST

OF

EXTRA [X * F] FINE SWISS PATTERN FILES

ALSO TOOLS AND SPECIALTIES

MANUFACTURED EXCLUSIVELY BY THE

NICHOLSON FILE COMPANY

LIST OF JANUARY 1, 1898

PER DOZEN

Hand, One Safe Edge.									Pillar, Pillar Narrow, Pillar Extra Narrow, Two Safe Edges.						
Size, inches,	3	3½	4	4½	5	6	7	8	3	3½	4	4½	5	6	7
Cut No. 00 & 0 }	\$2.30	2.40	2.80	3.50	3.80	4.50	5.20	6.30	2.10	2.30	2.60	3.40	3.90	4.10	4.60
Cut No. 1 & 2 }		2.50	2.90	3.70	4.00	4.70	5.50	6.70	2.20	2.40	2.70	3.50	4.00	4.20	4.70
Cut No. 3 & 4 }		2.60	3.00	3.90	4.20	4.90	5.90	7.30	2.30	2.50	2.80	3.60	4.10	4.30	4.80
Cut No. 5		2.80	3.20	4.10	4.50	5.10	6.50	7.70	2.30	2.50	2.80	3.60	4.10	4.30	4.80
Cut No. 6		3.00	3.50	4.30	4.80	5.80	7.30	8.80	2.40	2.60	3.10	3.90	4.30	4.50	5.10

Size, inches,	2	2½	3	3½	4	4½	5	6	7	8	10	Pillar, Pillar Narrow, and Pillar Extra Narrow, with one or both edges cut, take same List Price as with two safe edges.
Width in Dec- imal parts of an inch stated as near as practicable.	Hand, Pillar, Pillar Narrow, Pillar Ex. Narrow,	\$0.33 .23 .17 .12	.38 .26 .19 .13	.43 .29 .22 .14	.48 .32 .24 .16	.53 .35 .27 .18	.58 .38 .29 .19	.62 .42 .31 .21	.72 .48 .36 .24	.81 .54 .41 .27	.90 .60 .45 .30	1.09 .73 .55 .36

Size, inches,	3	3½	4	4½	5	6	7	8	Needle Files.	
Three Square, } all Metal Saw, } cuts	\$2.40	2.50	2.80	3.50	3.80	4.20	5.30	6.30	Round Handle,	10 cm. or 4 inches, \$1.20
Knife, " }	2.40	2.50	2.90	3.60	4.00	4.90	5.80	6.70		12 cm. or 4¾ " 1.40
Warding, " }	2.20	2.30	2.80	3.50	3.80	4.50	5.40	5.90		14 cm. or 5½ " 1.60
Equaling, " }	2.20	2.30	2.70	3.50	3.90	4.30	5.50	6.30		16 cm. or 6¼ " 1.80
Slitting, " }	2.30	2.50	2.90	3.60	3.90	4.40	5.60	6.40	Square Handle or Escapement,	14 cm. or 5½ inches, \$2.00
Half Round, " }	2.20	2.30	2.80	3.60	4.00	4.80	5.90	6.80		
Crossing, " }	2.20	2.40	2.90	3.60	4.00	4.80	6.00	6.90	Of the following twelve varieties, viz.: Round, Half Round, Flat, Oval, Knife, Square, Three Square, Equal- ing, Slitting, Joint, Barrette, and Marking (if Round Handle), or Half Round Blunt (if Square Handle). Put up in dozens, either assorted (one of each kind) or in kinds. Assorted dozens will always be sent when order does not state otherwise.	
Barrette, " }	2.20	2.30	2.80	3.60	3.90	4.40	5.50	5.90		
Square, " }	1.80	1.90	2.10	2.80	3.00	3.50	4.80	5.80	File Cleaners.	
Round, " }	1.60	1.70	2.00	2.70	2.90	3.40	4.70	5.50		
Round Straight, " }	1.70	1.80	2.20	2.80	3.20	3.60	5.00	6.00	File Card, with Scorer,	per dozen, \$2.50
Barrette, cut all sides,	2.40	2.60	3.10	3.80	4.10	4.70	....	....	File Brush, with Card and Scorer,	" 4.40
Cant, " }	2.40	2.60	3.10	3.80	4.10	4.70	....	....	Bent Riffers, Handled, set of 6, assorted shapes, \$2.50	
Crochet, all cuts,	2.10	2.30	2.80	3.60	3.80	4.20	4.40	4.60		
Drill or Joint, " }	1.80	1.90	2.10	2.80	3.00	3.30	3.70	4.20	Machinist Scrapers, Handled, set of 6, assorted shapes, 2.25	
Rnd. or Sq. Edge, " }	1.80	1.90	2.10	2.80	3.00	3.30	3.70	4.20		
Broach, " }	From Gauge 40 to 65 inclusive, \$1.40 per doz.								Roller Files,	per dozen, 3.75
Thickness of } Thin	\$0.02	.03	.04	.05	.06	.08	.09	.10	Jig (or Fisherman's) Rasps,	" 1.75
Drill or Joint } Thick	.06	.07	.08	.09	.10	.12	.13	.14	Horse Mouth Rasps. Per dozen.	
									Long Handle, Plain, \$12.00; nicked, \$20.00	
									Jointed, Nicked,	27.00

